

Bovine S100-A12 ELISA Kit | S100A12 elisa kit

Bovine Protein S100-A12 ELISA Kit

CATALOG #
AAA195168

REACTIVITY
Bovine

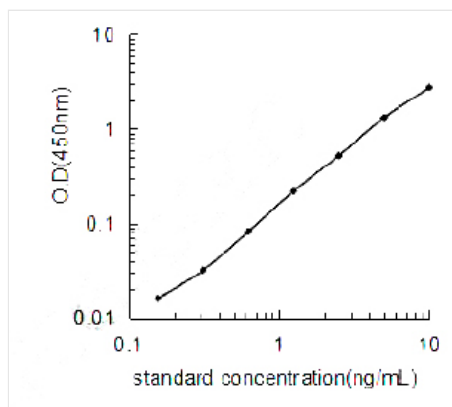
PRODUCT SYNONYMS

S100-A12; Bovine Protein S100-A12 ELISA Kit; Protein S100-A12; Calcium-binding protein in amniotic fluid 1; CAAF1; Calgranulin-C; CAGC; Cornea-associated antigen; CO-AG; Extracellular newly identified RAGE-binding protein; EN-RAGE; S100A12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	Recombinant and natural Bovine Protein S100-A12
Sequence Length	92
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.055 ng/mL
Intra-assay Precision	<=5.6%
Inter-assay Precision	<=9.3%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A12 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27807183
NCBI GeneID	282467
NCBI Accession #	NP_777076.1
NCBI GenBank Nucleotide #	NM_174651.3
UniProt Accession #	P79105; Q3T070; Q9TR16
Molecular Weight	10,685 Da
NCBI Official Full Name	protein S100-A12
NCBI Official Symbol	S100A12
NCBI Official Synonym Symbols	CAGC; CAAF1; CO-AG; EN-RAGE
NCBI Protein Information	protein S100-A12
UniProt Protein Name	Protein S100-A12
UniProt Gene Name	S100A12
UniProt Synonym Gene Names	CAAF1; CAAF1; CAGC; CO-AG; EN-RAGE
UniProt Entry Name	S10AC_BOVIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/s100a12-bovine-ovine-elisa-kits/s100-a12/195168>